

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("20050114543").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:24
L2	43	(register\$5 registrat\$5) with (foreign\$3 near2 gateway\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:38
L3	1084	(455/433).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:38
L4	789	(455/432.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:38
L5	114	(register\$5 registrat\$5) with (foreign\$3 near2 agent\$3) with (ip adj address\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:38
L6	14	5 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:42
L7	4	5 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:39
L8	923	(455/435.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:42

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L9	6	5 and 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:42
L10	53	(lifetime (life adj time\$3)) and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:44
L11	45	10 and @ad<"20030317"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:43
L12	8	10 and @ad<"20030317" and (gateway adj2 foreign adj2 agent\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:44
L13	121	(lifetime (life adj time\$3)) with (home adj agent\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:45
L14	1	(lifetime (life adj time\$3)) with (gateway adj foreign adj agent\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:45
L15	1	13 and 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:45


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Andrew T. Campbell, Javier Gomez-Castellanos

October 2000 **ACM SIGMOBILE Mobile Computing and Communications Review**, Volume 4 Issue 4**Publisher:** ACM PressFull text available: pdf (1.12 MB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

The IETF Mobile IP Working Group is discussing a number of enhancements to the base protocol to reduce the latency, packet loss and signaling overhead experienced during handoff. In this article, we discuss a number of "micro-mobility protocols" that extend Mobile IP with fast handoff and paging capabilities. The aim of this article is not to provide an exhaustive survey of these protocols. Rather, we discuss the motivation behind micro-mobility, present common characteristics that a number of p ...

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Charles E. Perkins

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Computers capable of attaching to the Internet from many places are likely to grow in popularity until they dominate the population of the Internet. Consequently, protocol research has shifted into high gear to develop appropriate network protocols for supporting mobility. This introductory article attempts to outline some of the many promising and interesting research directions. The papers in this special issue indicate the diversity of viewpoints within the research community, and it is ...

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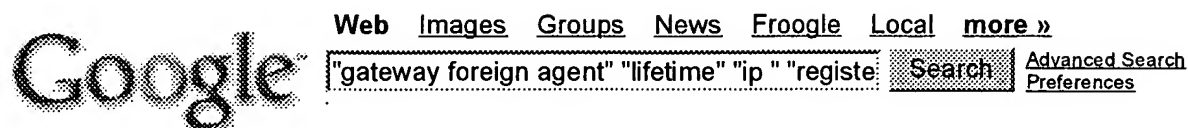
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- ☐ 1. **Local-area mobility support through cooperating hierarchies of mobile IP foreign agents**  
 Abdel-Hamid, A.; Abdel-Wahab, H.;  
[Computers and Communications, 2001. Proceedings. Sixth IEEE Symposium on](#)  
 3-5 July 2001 Page(s):479 - 484  
 Digital Object Identifier 10.1109/ISCC.2001.935418  
[AbstractPlus](#) | Full Text: [PDF](#)(520 KB) IEEE CNF  
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- ☐ 2. **Mobile Internet access and QoS guarantees using mobile IP and RSVP with location registers**  
 Jain, R.; Raleigh, T.; Graff, C.; Bereschinsky, M.;  
[Communications, 1998. ICC 98. Conference Record, 1998 IEEE International Conference on](#)  
 Volume 3, 7-11 June 1998 Page(s):1690 - 1695 vol.3  
 Digital Object Identifier 10.1109/ICC.1998.683118  
[AbstractPlus](#) | Full Text: [PDF](#)(592 KB) IEEE CNF  
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- ☐ 3. **Competing globally: how to be a player without losing the company**  
 Stratton, R.P.;  
[Electrical and Computer Engineering, 1993. Canadian Conference on](#)  
 14-17 Sept. 1993 Page(s):184 - 186 vol.1  
 Digital Object Identifier 10.1109/CCECE.1993.332205  
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After the **lifetime** of the last agent advertisement received expires ...

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follows the Mobile IP registration procedure to **register** the address ... **Gateway Foreign**

**Agent** (GFA). This care-of address will not change when the mobile ...

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additional temporary IP address (care-of address) asso-. ciated with its current point of

attachment. As a mobile. node moves, it is required to **register** ...

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not ... network so that it must **register** to its home network via ...

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### INTERNET DRAFT James Kempf Category: Standards Track Pat R ...

**2.2 Gateway Foreign Agent** Considerations Upon receipt of a Hand-off request, ... The

UDP header is followed by the Mobile IP fields shown below: Calhoun, ...

[bgp.potaroo.net/ietf/all-ids/draft-calhoun-mobileip-proactive-fa-01.txt](http://bgp.potaroo.net/ietf/all-ids/draft-calhoun-mobileip-proactive-fa-01.txt) - 27k -

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would be able to **register** with dynamic gateway ...

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### Integrating Mobile IP with Ad Hoc Networks

Each IP datagram has a TTL field to control its Internet **lifetime**. ... However, unlike cellular IP, Hawaii breaks the **gateway-foreign-agent** tie and thus is ...  
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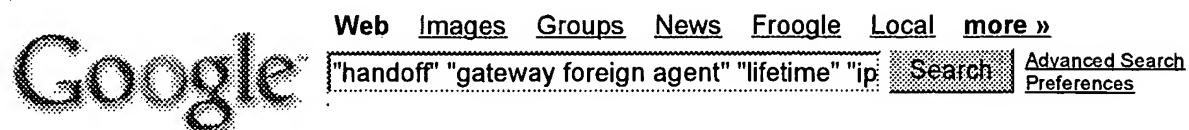
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**Gateway Foreign Agent:** A foreign agent that has a publicly routable IP ... The main difference is that the IP **handoff** is not performed by the MN with a ...

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the publicly routable address of a **gateway foreign agent** ... In Mobile IP, the inter-domain **handoff** will be handled, as follows. First, the MN will detect ...

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follows the Mobile IP registration procedure to **register** the address with the Home ... QoS guarantee, smooth **handoff**, and no change of Mobile IPv6, etc. ...

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**handoff**, Hierarchical Mobile IP (HMIP) [GJP98] has been proposed. ... finished, the MN can **register** with the new FA while receiving the packets. ...

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Other mobile IP extensions include smooth **handoff** and an extension for ... However, unlike cellular IP, Hawaii breaks the **gateway-foreign-agent** tie and ...

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